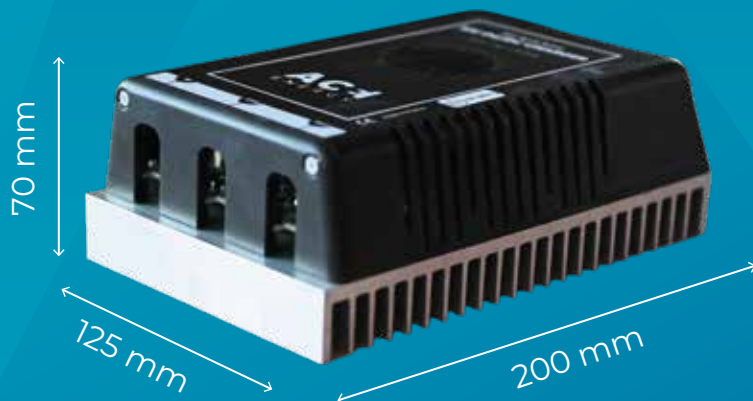


DC/DC Charger

Référence - 10110-0050B



The DC/DC Buck-Boost charger is designed to fully manage the charging cycle of an auxiliary battery. It is essential for vehicles equipped with smart alternators (Euro 5+, 6, and 6.2) and also helps protect the alternator, particularly in systems using lithium batteries.

It ensures that the starter battery always remains the priority and only supplies power to the auxiliary battery when the engine is running, thanks to D+ detection.

Weight ——— 1,35 Kg

Made in France

Key features:

Nominal Voltage	12.5 V
Discharge disconnect voltage	< 11 V (starter battery) or 12.2 V (D+)
Charging current – Smart Connect*	50 A
Charging Current – Dedicated Line**	60 A
Standby Power Consumption	50 mA
Operating Temperature	-20°C / +60°C

Configuration

	LED1	LED2
Switch 1 - ON: Dedicated Line**	Off	Orange 3 sec.
Switch 1 - OFF: Smart Connect*	Orange 3 sec.	Off
Switch 2 - ON: GEL/AGM Battery	Off	Green 3sec.
Switch 2 - OFF: LiFePO4 Battery	Green 3 sec.	Off

***Smart Connect** : connection to the vehicle's original electrical system.

****Dedicated Line** : installation of a dedicated power cable between the starter battery and the auxiliary battery, with the cable cross-section sized according to the distance between the two components.